



## LTM4601A 133LD 15mm X 15mm X 2.82mm (TABLE OF MATERIAL DECLARATION)

*The LTM4601A is RoHS compliant per EU RoHS Directive 2003/95/EC.*

It contains less than 100ppm cadmium (Cd) and less than 1,000ppm of each - lead (Pb), mercury (Hg), hexavalent chromium (Cr+), polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE)

No.	Part Name	Material Name	Component Weight (gram)	Materials Analysis (element)	CAS Number	Material Mass (gram)	Materials Analysis (weight %)
1	Substrate	Circuit Board	0.1151	Barium Compounds	7727-43-7		
				Filler Substances (Silica Crystalline)	-		
				Copper Metal	7440-50-8		
				Copper Compounds	1328-53-6		
				Ecotoxic substances	7439-92-1		
				Gold metal or alloy	7440-57-5		
				Nickel	7440-02-0		
2	Solder Paste	Alloy	0.0189	Zinc	7440-66-6		
				Sn	7440-31-5	0.01797	95.0
3	Passive/Active Components		0.6687	Sb	7440-36-0	0.00095	5.0
				Capacitor	-	0.09684	14.48
				Resistor		0.02431	3.64
				Inductor		0.53783	80.43
4	Active Ics	Silicon	0.0143	Diode		0.00976	1.46
				Silicon	7440-21-3	0.01434	100
5	Wire	Gold	0.0024	Au	7440-57-5	0.0023511	99.99
6	Underfill		0.0069	Epoxy Resin	-	0.00690	100
7	Encapsulation	Epoxy Resin	0.8929	Fused Silica	60676-86-0	0.68935	77.2
				Epoxy Resin	-	0.07947	8.9
				Phenol Resin	-	0.07947	8.9
				Crytalline Silica	14808-60-7	0.02679	3.0
				Carbon Black	1333-86-4	0.00446	0.5
				Metal Hydroxide	-	0.01339	1.5
<b>Total Package Weight</b>			<b>1.7193</b>				

Note: Composition derived from MSDS and material C of C from Vendors  
Component Weight based on assembly of generic parts